

USSN: 09/604,231

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Art Unit: 1645

- A1 1. (Amended) An isolated nucleic acid molecule from *Corynebacterium glutamicum* encoding a phosphoenolpyruvate: sugar phosphotransferase system protein, or a portion thereof, comprising a nucleotide sequence selected from the group consisting of SEQ ID NO:1, SEQ ID NO:5, SEQ ID NO:7, SEQ ID NO:15, SEQ ID NO:17, SEQ ID NO:21, SEQ ID NO: 23, SEQ ID NO:25, SEQ ID NO:27, and SEQ ID NO:29, or a complement thereof.

Please add new claim 39 as follows:

- A2 39. (New) An isolated *Corynebacterium glutamicum* polypeptide, or portion thereof, comprising an amino acid sequence selected from the group consisting of SEQ ID NO:2, SEQ ID NO:6, SEQ ID NO:8, SEQ ID NO:16, SEQ ID NO:18, SEQ ID NO:22, SEQ ID NO: 24, SEQ ID NO:26, SEQ ID NO:28, and SEQ ID NO:30.